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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. : 47322/PAN/C715/CLO161
Inventor(s) : John Wasserbauer, Ryan Likeke Naone, and Andrew William Jackson
Title : LOW THERMAL IMPEDANCE DBR FOR OPTOELECTRONIC
DEVICES
Express Mail Label No. : EL 904792450US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Date: January 11, 2002

1. X FEE TRANSMITTAL FORM (Submit an original, and a duplicate for fee processing).

2. IF A CONTINUING APPLICATION

 This application is a of patent appli

Prior application information: Examiner, Group Art Unit:

X This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4), to provisional Application No. 60/262,021 filed January 16, 2001 and provisional Application No. 60/301,386 filed June 27, 2001.

3. APPLICATION COMPRISED OF

Specification

24 Specification, claims and Abstract (total pages)

Drawings

6 Sheets of formal drawing(s) (FIGS. 1 to 10)

Declaration and Power of Attorney

X Newly executed
 Unexecuted declaration
 Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4. Microfiche Computer Program (Appendix)

5. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 Computer Readable Copy
 Paper Copy (identical to computer copy)
 Statement verifying identity of a copies

6. APPLICANT(S) STATUS UNDER 37 CFR § 1.27

X Applicant(s) and any others associated it/them under § 1.27(a) are a SMALL ENTITY

UTILITY PATENT APPLICATION TRANSMITTAL
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Docket No.: 47322/PAN/C715/CLO161

7. ALSO ENCLOSED ARE

- Preliminary Amendment
- Includes "Cross-Reference to Related Applications"
- A Petition for Extension of Time for the parent application and the required fee are enclosed
- An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
- This application is owned by pursuant to an Assignment recorded at Reel , Frame
- Information Disclosure Statement (IDS)/PTO-1449
 - Copies of IDS Citations
 - Certified copy of Priority Document(s) (*if foreign priority is claimed*)
 - English Translation Document (*if applicable*)
- Return Receipt Postcard (MPEP 503) (Should be specifically itemized).
- Other: Request and Certification Under U.S.C. 122(b)(2)(B)(i)

8. CORRESPONDENCE ADDRESS

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068
Customer Number: 23363

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Peter A. Nichols
Reg. No. 47,822
626/795-9900

PAN/cks

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

DATE: January 11, 2002

Docket No. : 47322/PAN/C715/CLO161

Inventor(s) : John Wasserbauer, Ryan Likeke Naone, and Andrew William Jackson

Title : LOW THERMAL IMPEDANCE DBR FOR OPTOELECTRONIC DEVICES

Duplicate

FEE DETERMINATION

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	Fee
TOTAL CLAIMS	29 - 20	9	9 x \$9.00	x \$18.00	\$81.00
INDEPENDENT CLAIMS	2 - 3	0	0 x \$42.00	x \$84.00	\$0.00
MULTIPLE-DEPENDENT CLAIMS FEE			\$140.00	\$280.00	
BASIC FEE			\$370.00	\$740.00	\$370.00
				TOTAL FILING FEE	\$451.00
List Independent Claims: 1 and 16					

METHOD OF PAYMENT

Payment Enclosed: Check for \$451

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By P. A. Nichols

Peter A. Nichols
Reg. No. 47,822
626/795-9900

PAN/cks

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL904792450US

Applicant : John Wasserbauer et al.
Filed : Herewith
Title : LOW THERMAL IMPEDANCE DBR FOR
OPTOELECTRONIC DEVICES
Docket No. : 47322/PAN/C715/CLO161

REQUEST AND CERTIFICATION
UNDER 35 U.S.C. 122(b)(2)(B)(i)

Assistant Commissioner for Patents
Washington, D.C. 20231

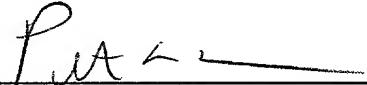
Post Office Box 7068
Pasadena, CA 91109-7068
January 11, 2002

Commissioner:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Peter A. Nichols
Reg. No. 47,822
626/795-9900